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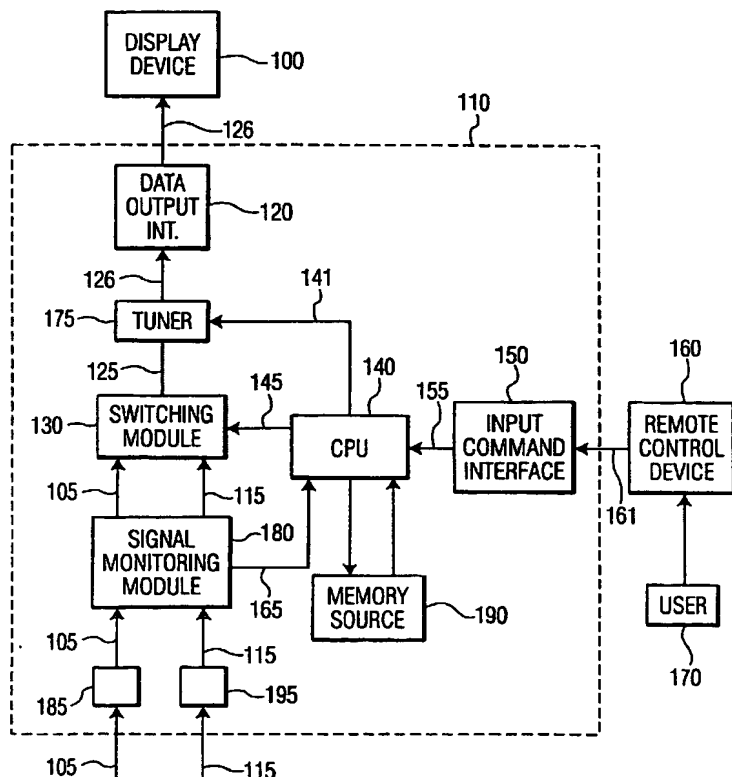
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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR SWITCHING BETWEEN AN INTERACTIVE MODE AND A TELEVISION PROGRAM MODE



(57) Abstract: An apparatus and method for displaying at least two modes comprising an interactive application mode and a television program mode on a display device. In one aspect the apparatus comprises: a television program signal receiver; an interactive application signal receiver; means for switching between said television program mode and said interactive application mode being active in said display device; means to receive remote control signals from a remote control device having a mute key for generating a mute signal; means to enable a mute-to-interactive application feature; and wherein when said mute-to-interactive application feature is enabled and said television program mode is active in said display device, upon receipt of said mute signal, said mode switching means is activated causing said interactive application mode to be active in said display device.

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INTERNATIONAL SEARCH REPORT

International Application No.

US 03/10050

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N5/445

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02 03683 A (DISCOVERY COMMUNICAT INC) 10 January 2002 (2002-01-10) abstract; figures 11-13B -----	1,10

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 03/10050

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(4) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-18

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-18

Apparatus and method for enabling a mute-to-interactive application feature

2. claims: 19-21

Apparatus for switching modes with a go-back signal

INTERNATIONAL SEARCH REPORT

International Application No

03/10050

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0203683	A	10-01-2002	AU
		CA	6805401 A
		EP	2415053 A1
		WO	1300007 A2
			0203683 A2
			14-01-2002
			10-01-2002
			09-04-2003
			10-01-2002